

ABSTRACT OF THE DISCLOSURE

A liquid drop discharger includes a coil for generating a magnetic field based on an electric current that is applied; a moving section, removably disposed with respect to the coil so as to be movable in a central axial direction of the coil, for generating an induced current by the magnetic field generated by the coil; device for vertically applying a magnetic field to a peripheral surface of a peripheral member, where the induced current is generated, of the moving section; and a discharge opening, which moves together with the moving section, for discharging a liquid by changing the volume of a liquid chamber containing the liquid as a result of the movement of the moving section.